

List of All Chemicals

P Cephalotaxus drupacea (Cephalotaxaceae)

Common name(s)

Plum Yew

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
3-EPISCHELHAMMERICINE	Bark	--	--		*
CEPHALOTAXINE	Stem	--	--		*
Activities (1)					
Antileukemic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
DESMETHYLCEPHALOTAXINE	Leaf	--	--		*
HOMOHARRINGTONINE	Stem	--	--		*
Activities (12)					
Anticarcinomic 0.25-1 ppm					
Antileukemic 1 ppm					
Antimalarial	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.				
Antimelanomic ED50=0.045 ug/ml	J. Ethnopharmacology, 32: 117.				
Antisarcomic ED50=2.15 ug/ml	J. Ethnopharmacology, 32: 117.				
Antitumor	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.				
Antitumor (Breast) ED50=0.012 ug/ml	J. Ethnopharmacology, 32: 117.				
Antitumor (Colon) ED50=0.0076 ug/ml	J. Ethnopharmacology, 32: 117.				
Antitumor (Lung) ED50=0.019 ug/ml	J. Ethnopharmacology, 32: 117.				
Hypotensive	Martindale's 29th				
MDR-Inhibitor	Qian, Q. J., Han, J. L., Yan, W. W., Yang, C. Z., Han, D. S., Shi, H., Hao, Y. 1996. A Comparative Study on the Mechanism of Homoharringtonine (HHI) and Melphalan (MEL) Resistance in K562/H20 and K562/MEL Cell Lines. Zhonghua Xueyexue Zazhi, 17(7):354-356.				
Tachycardic	Martindale's 29th				
ISOHARRINGTONINE	Stem	--	--		*
Activities (2)					
Anticancer					
Antileukemic	Martindale's 29th				
KAYAFLAVONE	Plant	--	--		*
SCHELHAMMERA-ALKALOID	Stem	--	--		*
SCHELHAMMERA-ALKALOID-B-METHYL-ETHER	Stem	--	--		*